

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6403830").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/07 13:26
L2	1	("4440788").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/07 13:33
L3	188	(564/193).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/07 13:44
L4	443	(564/215).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/07 13:51
L5	2546	(435/29,113,129).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/07 13:59
L6	1042	(435/130,280,863,910).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/07 14:00

Refine Search

Search Results -

Terms	Documents
alkylcysteinamide	5

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Thursday, December 07, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<u>L3</u>	alkylcysteinamide	5	<u>L3</u>
<u>L2</u>	(2) adj (alkylcysteinamide)	4	<u>L2</u>
<u>L1</u>	2-alkylcysteinamide	4	<u>L1</u>

END OF SEARCH HISTORY

10/552,634

* * * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:10:50 ON 07 DEC 2006

=> file reg

COST IN U.S. DOLLARS

| SINCE FILE
ENTRY | TOTAL
SESSION |
|---------------------|------------------|
| 0.21 | 0.21 |

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:11:05 ON 07 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9
DICTIONARY FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

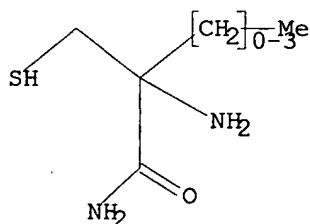
Uploading C:\Program Files\Stnexp\Queries\10552634.str

L1 STRUCTURE uploaded

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:11:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 465 TO ITERATE

100.0% PROCESSED

465 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8007 TO 10593
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 ful
FULL SEARCH INITIATED 11:11:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9456 TO ITERATE

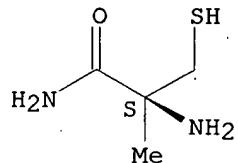
100.0% PROCESSED 9456 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

=> d 13 1-6

L3 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 872993-33-4 REGISTRY
ED Entered STN: 30 Jan 2006
CN Propanamide, 2-amino-3-mercaptopropanoate-, monohydrochloride, (2S)- (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C4 H10 N2 O S . Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT
CRN (872851-77-9)

Absolute stereochemistry.

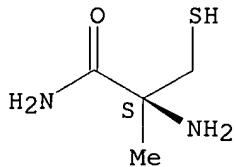


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 872851-77-9 REGISTRY
ED Entered STN: 27 Jan 2006
CN Propanamide, 2-amino-3-mercaptopropanoate-, (2S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H10 N2 O S
CI COM
SR CA
LC STN Files: CA, CAPLUS

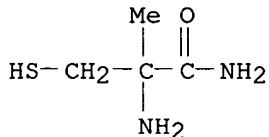
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

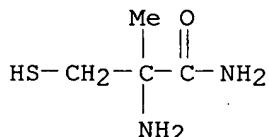
L3 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 872085-51-3 REGISTRY
ED Entered STN: 17 Jan 2006
CN Propanamide, 2-amino-3-mercaptopropanamide (9CI) (CA INDEX NAME)
MF C4 H10 N2 O S
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 872055-61-3 REGISTRY
ED Entered STN: 17 Jan 2006
CN Propanamide, 2-amino-3-mercaptopropanamide, monohydrochloride (9CI) (CA INDEX NAME)
MF C4 H10 N2 O S . Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT
CRN (872085-51-3)

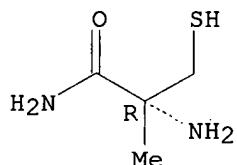


● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 794491-30-8 REGISTRY
ED Entered STN: 08 Dec 2004
CN Propanamide, 2-amino-3-mercaptopropanoate-, (2R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H10 N2 O S
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

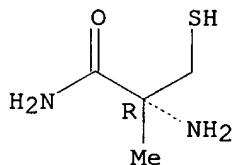


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 771585-13-8 REGISTRY
ED Entered STN: 29 Oct 2004
CN Propanamide, 2-amino-3-mercaptopropanoate-, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H10 N2 O S . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (794491-30-8)

Absolute stereochemistry.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 178.34 | 178.55 |

FILE 'CAPLUS' ENTERED AT 11:11:48 ON 07 DEC 2006
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FILE COVERS 1907 - 7 Dec 2006 VOL 145 ISS 24
FILE LAST UPDATED: 5 Dec 2006 (20061205/ED)

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<http://www.cas.org/infopolicy.html>

=> s 13
L4 6 L3

=> d 14 1-6

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2006:75182 CAPLUS
DN 144:165334
TI Protein and DNA sequences of Xanthobacter flavus L-amino acid amidase and uses in manufacture of L-amino acids from L-amino acid amide
IN Asano, Yasuhisa; Inoue, Atsushi
PA Mitsubishi Gas Chemical Company, Inc., Japan
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--|----------|-----------------|----------|
| PI WO 2006008872 | A1 | 20060126 | WO 2005-JP9345 | 20050523 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |

PRAI JP 2004-214241 A 20040722

OS MARPAT 144:165334

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2006:35264 CAPLUS
DN 144:108311

TI Preparation of optically active thiazolidine-4-carboxamides
IN Higuchi, Yasushi; Tanaka, Akinobu; Hasemi, Takashi; Sugita, Masaki
PA Mitsubishi Gas Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | JP 2006008556 | A2 | 20060112 | JP 2004-186005 | 20040624 |
| PRAI | JP 2004-186005 | | 20040624 | | |
| OS | CASREACT 144:108311; MARPAT 144:108311 | | | | |

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2006:10192 CAPLUS

DN 144:68681

TI Manufacture of optically active 2-alkyl-D-cysteine esters by enzymic resolution and chemical synthesis

IN Sugita, Masaki; Hasemi, Takashi; Tanaka, Akinobu; Higuchi, Yasushi

PA Mitsubishi Gas Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------------------------------|------|----------|-----------------|----------|
| PI | JP 2006000006 | A2 | 20060105 | JP 2004-176624 | 20040615 |
| PRAI | JP 2004-176624 | | 20040615 | | |
| OS | CASREACT 144:68681; MARPAT 144:68681 | | | | |

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2006:10189 CAPLUS

DN 144:106696

TI Optically active 2-alkyl-D-cysteine or salts manufacture by enzymic resolution

IN Higuchi, Yasushi; Tanaka, Akinobu; Hasemi, Takashi; Sugita, Masaki

PA Mitsubishi Gas Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|------|----------|-----------------|----------|
| PI | JP 2006000005 | A2 | 20060105 | JP 2004-176548 | 20040615 |
| PRAI | JP 2004-176548 | | 20040615 | | |
| OS | MARPAT 144:106696 | | | | |

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:549336 CAPLUS

DN 144:207768

TI Asymmetric synthesis of L- α -methylcysteine with the amidase from Xanthobacter flavus NR303

AU Inoue, Atsushi; Komeda, Hidenobu; Asano, Yasuhisa

CS Biotechnology Research Center, Toyama Prefectural University, Toyama, 939-0398, Japan

SO Advanced Synthesis & Catalysis (2005), 347(7+8), 1132-1138

CODEN: ASCAF7; ISSN: 1615-4150

PB Wiley-VCH Verlag GmbH & Co. KGaA

DT Journal

LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:872852 CAPLUS
 DN 141:330879
 TI 2-Alkylcysteinamide or salt thereof, process for producing these, and use
 of these
 IN Higuchi, Yasushi; Tanaka, Akinori; Hasemi, Ryuji
 PA Mitsubishi Gas Chemical Company, Inc., Japan
 SO PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----------|--|------|----------|-----------------|----------|
| PI | WO 2004090152 | A1 | 20041021 | WO 2004-JP4988 | 20040407 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG | | | | |
| | EP 1634957 | A1 | 20060315 | EP 2004-726263 | 20040407 |
| | R: DE | | | | |
| PRAI | JP 2003-103898 | A | 20030408 | | |
| | JP 2003-325057 | A | 20030917 | | |
| | WO 2004-JP4988 | W | 20040407 | | |
| OS | MARPAT 141:330879 | | | | |
| RE.CNT 18 | THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | | |

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY
2 14

SESSION
193 60

FILE 'CASREACT' ENTERED AT 11:14:41 ON 07 DEC 2006
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FILE CONTENT:1840 - 3 Dec 2006 VOL 145 TSS 23

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

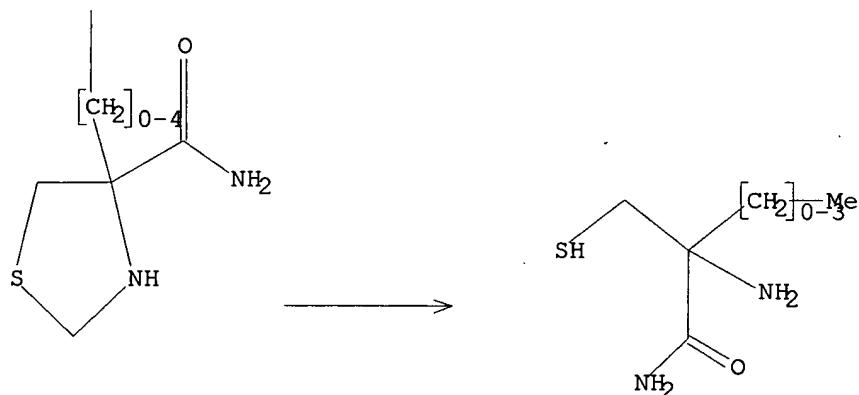
Uploading C:\Program Files\Stnexp\Queries\0552634.str

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 11:15:03 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM

0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5 (0 REACTIONS)

=> s 15 ful

FULL SEARCH INITIATED 11:15:09 FILE 'CASREACT'

SCREENING COMPLETE - 34 REACTIONS TO VERIFY FROM

3 DOCUMENTS

100.0% DONE 34 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L7 0 SEA SSS FUL L5 (0 REACTIONS)